

## **NUCLEAR STRUCTURE AND DECAY DATA EVALUATIONS: DATABASES AND OTHER RESOURCES\***

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The primary mission of the International Nuclear Structure and Decay Data Network is to compile, evaluate and disseminate nuclear structure and decay data for all known nuclides (more than 2900!). The principal effort of the network is devoted to maintain and update the following databases: the Nuclear Science Reference (NSR) file and the Evaluated Nuclear Structure Data File (ENSDF). Towards this aim, most Nuclear Physics research journals are regularly scanned. The relevant articles are key-worded for easy search, assigned key numbers for reference, and added to NSR. The ENSDF is generally updated by mass numbers, but evaluations of individual nuclides, where a significant amount of new experimental information exists, are also carried out. These evaluations are published in the journal Nuclear Data Sheets and further disseminated to the Nuclear Physics community worldwide using the latest computer technologies.

This presentation will briefly review these and other databases and dissemination products of the network, and reflect on how these resources can help scientists in both the basic and applied fields.

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